

09/689,585

AMENDMENT TO THE CLAIMS

The following listing of claims should be entered to replace all prior listings of claims in the application. In accordance with Rule 121, the status of each claim is indicated parenthetically. As can be seen, in this listing, claims 83, 85, 97 and 99-101 have been amended and claims 111-137 have been added. Fees in the amount of \$766.00 are included for the additional claims as follows:

Added claims: 33 @ \$18.00 = \$ 594.00

Added Independent Claims: 2 @ \$86.00 = \$ 172.00

Total Fee paid: \$ 766.00

Listing of Claims:

Claims 1-82. (Canceled)

Claim 83. (Currently amended):

A system for creating a droplet from a jet of a flow cytometer comprising:
a nozzle body having an inner surface;
a nozzle tip having an inner surface, wherein said nozzle body and said nozzle tip establish a nozzle volume and wherein said inner surfaces of said nozzle body and said nozzle tip are substantially continuous;
a seal located off of said inner surface of said nozzle tip so that said seal does not substantially adversely impact laminar flow within said nozzle volume, and to which both said nozzle body and said nozzle tip are responsive;
a sheath fluid port located within said nozzle volume wherein said sheath fluid port introduces a sheath fluid;
a substance introduction port located within said nozzle volume; and
a free fall area below said nozzle tip and within which said droplet forms.

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01 FC:1201
02 FC:1202

86.00 0P
360.00 0P

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11/10/2003 AMNDREF1 00000012 09689585
02 FC:1201 -172.00 0P
03 FC:1202 -594.00 0P